

Resource Summary Report

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ERK 1/2 Antibody (C-9)

RRID:AB_2571739

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-514302, RRID:AB_2571739)

Antibody Information

URL: http://antibodyregistry.org/AB_2571739

Proper Citation: (Santa Cruz Biotechnology Cat# sc-514302, RRID:AB_2571739)

Host Organism: mouse

Clonality: monoclonal

Antibody Name: ERK 1/2 Antibody (C-9)

Description: This monoclonal targets

Antibody ID: AB_2571739

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-514302

Record Creation Time: 20231110T035124+0000

Record Last Update: 20240724T232905+0000

Ratings and Alerts

No rating or validation information has been found for ERK 1/2 Antibody (C-9).

No alerts have been found for ERK 1/2 Antibody (C-9).

Data and Source Information

Usage and Citation Metrics

We found 38 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wang Y, et al. (2024) Discovery of galectin-8 as an LILRB4 ligand driving M-MDSCs defines a class of antibodies to fight solid tumors. *Cell reports. Medicine*, 5(1), 101374.

Tosi G, et al. (2024) Cancer cell stiffening via CoQ10 and UBIAD1 regulates ECM signaling and ferroptosis in breast cancer. *Nature communications*, 15(1), 8214.

Hung CH, et al. (2024) Defective N-glycosylation of IL6 induces metastasis and tyrosine kinase inhibitor resistance in lung cancer. *Nature communications*, 15(1), 7885.

Lyu X, et al. (2024) A transient transcriptional activation governs unpolarized-to-polarized morphogenesis during embryo implantation. *Molecular cell*, 84(14), 2665.

Wang J, et al. (2024) Cholinergic signaling via muscarinic M1 receptor confers resistance to docetaxel in prostate cancer. *Cell reports. Medicine*, 5(2), 101388.

Lee H, et al. (2024) BRD2-specific inhibitor, BBC0403, inhibits the progression of osteoarthritis pathogenesis in osteoarthritis-induced C57BL/6 male mice. *British journal of pharmacology*, 181(15), 2528.

Nag N, et al. (2024) Metallo-protease Peptidase M84 from *Bacillus altitudinis* induces ROS-dependent apoptosis in ovarian cancer cells by targeting PAR-1. *iScience*, 27(6), 109828.

Kaehler M, et al. (2023) Clonal evolution in tyrosine kinase inhibitor-resistance: lessons from in vitro-models. *Frontiers in oncology*, 13, 1200897.

Kong CH, et al. (2023) Oleanolic acid alleviates the extrapyramidal symptoms and cognitive impairment induced by haloperidol through the striatal PKA signaling pathway in mice. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 168, 115639.

Mastrototaro G, et al. (2023) Ablation of palladin in adult heart causes dilated cardiomyopathy associated with intercalated disc abnormalities. *eLife*, 12.

Lazaldin MAM, et al. (2023) Neuroprotective effects of exogenous brain-derived neurotrophic factor on amyloid-beta 1-40-induced retinal degeneration. *Neural regeneration research*, 18(2), 382.

Lapadula D, et al. (2023) IGF1R Inhibition Enhances the Therapeutic Effects of Gq/11 Inhibition in Metastatic Uveal Melanoma Progression. *Molecular cancer therapeutics*, 22(1), 63.

Lee CT, et al. (2023) Dual role of sprouty2 as an inhibitor of RAS/ERK-driven proliferation and a promoter of cancer invasion in KRAS wild-type colorectal cancer. *Molecular carcinogenesis*.

Xing Y, et al. (2022) Convallatoxin inhibits IL-1 β production by suppressing zinc finger protein 91 (ZFP91)-mediated pro-IL-1 β ubiquitination and caspase-8 inflammasome activity. *British journal of pharmacology*, 179(9), 1887.

Lee Y, et al. (2022) Combinatorial prophylactic effect of phlorotannins with photobiomodulation against tracheal stenosis. *iScience*, 25(11), 105405.

Livingstone R, et al. (2022) Diabetes is accompanied by changes in the levels of proteins involved in endosomal GLUT4 trafficking in obese human skeletal muscle. *Endocrinology, diabetes & metabolism*, 5(5), e361.

Oberkersch RE, et al. (2022) Aspartate metabolism in endothelial cells activates the mTORC1 pathway to initiate translation during angiogenesis. *Developmental cell*, 57(10), 1241.

Kaehler M, et al. (2022) Genome-wide expression and methylation analyses reveal aberrant cell adhesion signaling in tyrosine kinase inhibitor-resistant CML cells. *Oncology reports*, 48(2).

Cha Y, et al. (2021) SIRT2 regulates mitochondrial dynamics and reprogramming via MEK1-ERK-DRP1 and AKT1-DRP1 axes. *Cell reports*, 37(13), 110155.

Filomena MC, et al. (2021) Myopalladin knockout mice develop cardiac dilation and show a maladaptive response to mechanical pressure overload. *eLife*, 10.